CLAIMS

What is claimed is:

1. (Previously presented) A lamp and projection device comprising:

a lamp body consisting of six substantially identical faces assembled to form a cube;

one of said faces being a hinged top face lid with interior mirrored surface capable of reflecting and projecting an image at various angles from vertical to horizontal;

support structure for supporting an imaging device and parts of an illumination and projection system; and

an illumination and projection system consisting of at least one lamp or light-emitting unit, a plurality of reflecting mirrors, at least one moveable condensing lens, and an electrical transformer and switch.

2. (Currently amended) The lamp and projection device according to claim 1 wherein said six substantially identical faces are modular interlocking faces.

3. (Currently amended) The lamp and projection device according to claim ~~claims~~ 1 wherein ~~to 2 where~~ said imaging device is a removable single slide.

4. (Currently amended) The lamp and projection device according to claim 1 wherein ~~where~~ said imaging device is a digital means, such as a transparent LCD panel, LCOS panel, Digital micro-mirror or other digital imaging light engine.

5. (Currently amended) The lamp and projection device according to claim ~~claims~~ 1 wherein ~~to 4 where~~ said faces are identical and contain recesses and protrusions at opposed edges such that they can be assembled by rotating appropriately and interlocked with similar parts in a cube arrangement.

6. (Currently amended) The lamp and projection device according to claim ~~Claims~~ 1 wherein ~~to 5 where~~ said faces contain an internal support structure of struts and grooves for fixing the parts of the illumination system where such grooves support various parts or are not used depending on their rotation and position as a cube face.

7. (Currently amended) The lamp and projection device according to claim ~~Claims~~ 1 wherein ~~to 6 where~~ said faces are formed from a semi-translucent material so as to provide soft illumination through the cube faces, and easily formed by injection moulding means.

8. (Currently amended) The lamp and projection device according to claim ~~Claims~~ 1 wherein ~~to 7 where~~ a micro-switch is used to turn the device on or off as the top hinged lid is opened.

9. (Currently amended) The lamp and projection device according to claim ~~Claims~~ 1 wherein ~~to 8 whereby~~ a folded and punched metal sheet supports ~~is used to support~~ the bulb unit and provides ~~provide suitable~~ heat dispersion and venting.

10. (Currently amended) The lamp and projection device according to claim ~~Claims~~ 1 wherein ~~to 9 where~~ said cube faces contain recessed grooves suitable for being punched through during manufacture or during installation to create holes or grooves suitable for alternative wire exit or for affixing the lamp to a surface or wall.

11. (Currently amended) The lamp and projection device according to claim ~~Claims~~ 1 wherein ~~to 10 where~~ a lens is supported in a lens holder ~~tightly~~ between vertical struts in the side-casing and connected through a punched groove in a side face to a control button to enable controlled vertical movement of the lens for focusing.

12. (Currently amended) The lamp and projection device according to claim ~~Claims~~ 1 wherein ~~to 11 whereby~~ recessed regions passing less than ~~almost~~ all the way through the cube side faces are used to provide stronger areas of illumination or shadows for projecting ornamental lettering or symbols from the cube sides.

13. (Currently amended) The lamp and projection device according to claim ~~claims~~ 1, further including a ~~to 12~~ supporting digital device comprising ~~means comprised of~~ a digital micro mirror device and associated light filters, lenses, rotating colour wheel and an electronic control system supported on said lamp body.

14. (Currently amended) The lamp and projection device according to claim ~~claims~~ 1 ~~to 13~~ in combination with external connector sockets and connector slots to support removable digital data media for photograph or video content such that the overall device forms a digital photo projector cube.

15. (Currently amended) The lamp and projection device according to claim ~~claims~~ 1 wherein ~~to 14 where~~ said overall device forms a digital projector cube suitable for video, gaming and computer display output.

16. (Currently amended) A lamp and projection device comprising a lamp body comprising ~~consisting of~~ six identical modular and interlocking faces assembled by means of protrusions and recesses on opposed edges to form an overall cube with hinged top face lid that contains a mirrored inside surface and is capable of reflecting an image at various angles and acts to turn the device on by means of a micro-switch when opened, wherein ~~where~~ said faces contain moulded support structures and grooves for providing rigidity to the overall device and for supporting parts of an illumination and projection system, and an illumination and projection system that consists of a folded sheet bulb holder, bulb, reflective mirrors, slide, condenser lens and movable lens holder, electrical transformer and switch components.